

Press Release

Oerlikon Neumag staple fiber technology still in demand

Three staple fiber bicomponent systems successfully commissioned in Asia

Neumünster, August 27, 2020 – Oerlikon Neumag has successfully commissioned three staple fiber bicomponent systems in China. With capacities of 50 tons per day each, the systems are being used to manufacture core-sheath bi-component fibers made from PP/PE or PET/PE at two long-standing Oerlikon Manmade Fibers customers. These fibers are used to make hygiene products.

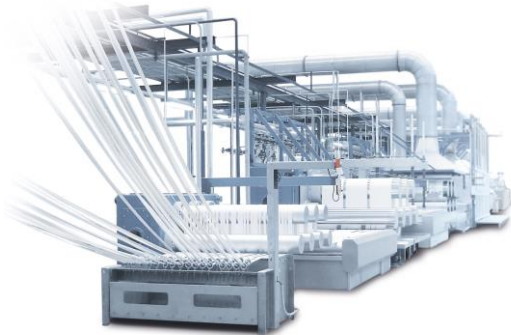
Despite coronavirus-related restrictions, the three new systems were installed within three and five months, all without any problems. They have meanwhile been operating under stable production conditions with optimum fiber quality of the very highest standards for several weeks now.

Many years of experience in bi-component spinning

Oerlikon Neumag looks back on many years of experience in constructing bicomponent staple fiber systems. The first system for this fiber type was commissioned as far back as 1995. Oerlikon Neumag offers solutions for the most varied cross-sections, ranging from sheath/core', 'side-by-side', 'island in the sea', 'orange type' as well as 'trilobal'. The applications are diverse: from self-crimping fibers, bonding fibers, super-microfibers all the way through to hollow fibers.

The Oerlikon Neumag bicomponent technology is particularly characterized by the extremely robust spin packs that have no expensive wear parts, which considerably reduces the costs here. The reconditioning costs when cleaning the spin packs are kept to an absolute minimum. Add to this the separate temperature transfer option in the spinning beam for the two polymers. As a result, the quality and the viscosity of the polymers can be accurately adjusted in accordance with the respective process requirements.

1,824 characters including spaces



Caption: Oerlikon Neumag staple fiber plants stand for highest product quality and absolute reliability.

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About Oerlikon

Oerlikon (SIX: OERL) develops modern materials, systems and surface technologies and provides specialized services aimed at securing high-performance products and systems with long lifespans for customers. Supported by its technological core competencies and its strong financial footing, the corporation continues its medium-term growth plan by implementing three strategic factors: focusing on attractive growth markets, ensuring structural growth and expanding through targeted M&A activities. Oerlikon is a globally-leading technology and engineering corporation, operating its business in two segments (Surface Solutions and Manmade Fibers) and employing around 11,100 members of staff at 182 sites in 37 countries worldwide. In 2019, Oerlikon generated sales of CHF 2.6 billion and invested more than CHF 120 million in research & development.

For further information: www.oerlikon.com

About the Oerlikon Manmade Fibers segment

With its Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven brands, the Oerlikon Manmade Fibers segment is one of the leading providers of manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems and solutions for the production of nonwovens and – as a service provider – offers engineering solutions for the entire textile value added chain.

As a future-oriented company, the research and development at this division of the Oerlikon Group is driven by energy-efficiency and sustainable technologies (e-save). With its range of polycondensation and extrusion systems and their key components, the company caters to the entire manufacturing process – from the monomer all the way through to the textured yarn. The product portfolio is rounded off with automation and Industrie 4.0 solutions.



The primary markets for the product portfolio of Oerlikon Barmag are in Asia, especially in China, India and Turkey, and – for those of Oerlikon Neumag and Oerlikon Nonwoven – in the USA, Asia, Turkey and Europe. Worldwide, the segment – with just under 3,000 employees – has a presence in 120 countries with production, sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster (Germany) and Suzhou (China), highly-qualified engineers, technologists and technicians develop innovative and technologically-leading products for tomorrow's world.

For further information: www.oerlikon.com/manmade-fiber